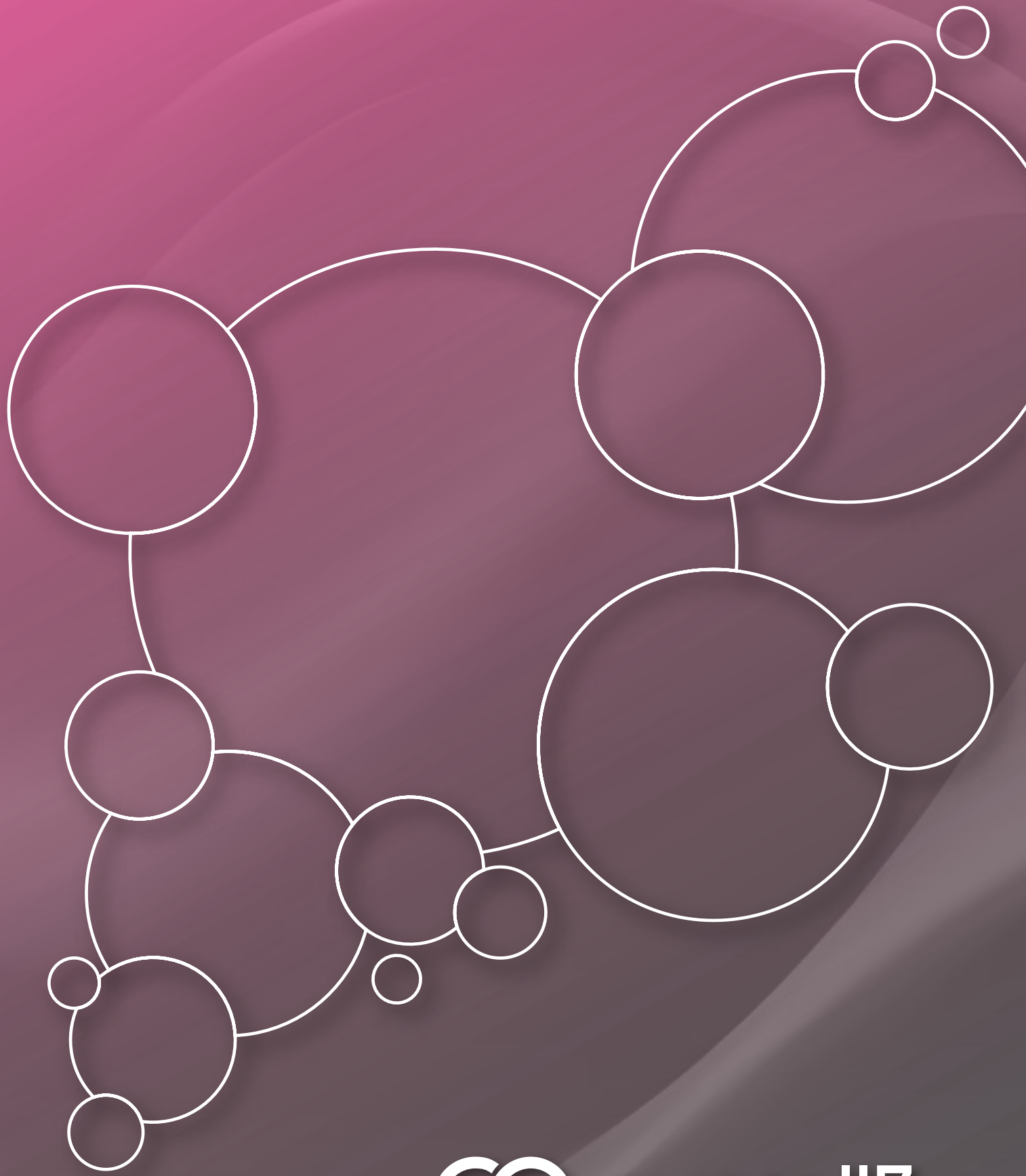

everall7

PRODUCT CATALOGUE

everall7

MISSION

Our mission is to design and deliver professional prosthetic materials to our clients, essential for the daily work of dental technicians and dentists – reliable and safe for patients.

ETHICS AND SOCIAL RESPONSIBILITY

The company's policy is based on ethics and social responsibility.
We take care of our employees, customers, and the natural environment on a daily basis, while respecting legal and ethical standards.

DEVELOPMENT

We continuously improve our products, conduct research, and strictly adhere to procedures.

The dental technicians we collaborate with and our trained team, who align their professional growth with the company's development, ensure progress and the achievement of Everall7's ambitious plans.

EXPERIENCE AND FUTURE PLANS

Experience gained over three decades, relied upon by our clients; energy and well-defined plans for the future are the pillars of Everall7.

We perfect solutions based on high-quality prosthetic materials that ensure safety and enhance the quality of life for patients.
In this way, we build trust in our company!

DENTAVISION
for dental technicians

Resins for 3D printing are just one of the product groups offered by Everall7, created by an experienced team of professionals in response to the evolving needs and expectations of dental technicians.

CHARACTERISTICS

DentaVision resins are dedicated to the 3D printing of dental models, including:

- study models
- orthodontic models
- models for impression trays
- working models
- implant models
- showcase models
- vacuum forming splints models

Appropriately chosen resin colours enhance detail visibility, and low viscosity ensures compatibility with open systems of 385/405 nm printers.

ADVANTAGES

- Compatibility with open systems of 385/405nm printers
- Excellent reproduction of details
- Colour stability
- Dimensional stability after post-curing
- Low viscosity
- High durability

Technical data

Flexural strength	90 +/- 5% MPa
Elastic modulus	2600 +/- 5% MPa
Viscosity	200 +/- 5% cPs
Density	1,15 - 1,18 g/cm³

Compatible printers

Compatible with open system materials of 385/405 nm printers, including:

- Phrozen Sonic Mini 4K, Sonic Mini 8K, Sonic Mighty 4K and other...
- Anycubic Photon 4K, Mono X6K and other...
- ASIGA MAX385

COLOURS

- Beige
- Grey
- White
- Super White

Commodity indices

DV100B1	DentaVision Form & Model	1 kg Beige
DV100B200	DentaVision Form & Model	200 g Beige sample
DV100G1	DentaVision Form & Model	1 kg Grey
DV100G200	DentaVision Form & Model	200 g Grey sample
DV110W1	DentaVision Form & Model	1 kg White
DV110W200	DentaVision Form & Model	200 g White sample
DV110SW1	DentaVision Form & Model	1 kg Super White
DV110SW200	DentaVision Form & Model	200 g Super White sample

MORE INFORMATION AT:

www.dentavision.pl

STODENT II

Stodent II is a model plaster type 2 recommended for filling flasks when making removable dentures with hot-curing acrylic materials and for other auxiliary works.

CHARACTERISTICS

- Optimal representation of details
- Optimum fluidity
- Colour: white

ADVANTAGES

- Easy to mix
- Easy to process
- Easy release of finished denture from the can

Technical data

Mixing ratio	50 ml / 100 g
Mixing time (in a vacuum)	30 s
Manual mixing time	60 - 90 s
Setting time	14 - 18 min.
Removal time	45 min.
Compressive strength (after 1hr*)	11 ± 2 MPa [> 9* MPa]
Linear expansion (after 2hrs*)	max. 0.25% [<0.30*%]

**According to the standard ISO 6873: „Dentistry - Gypsum Products".*

Packages available

Colour	Bucket 5 kg	Package 4x5 kg	Bag 25 kg
White	G2B05	G2B20	G2B25

COLOURS

- White

STODENT III

Stodent III is a type 3 hard dental stone indicated for making antagonist and working models in removable and frame dentures.

CHARACTERISTICS

- Available colours: yellow, blue, light green
- Light green colour enriched with mango scent
- Low expansion
- Good mechanical properties

ADVANTAGES

- Smooth surface
- Facilitated model production due to high thixotropicity
- High fracture resistance during release from the impression

Technical data

Mixing ratio	30 ml / 100 g
Mixing time (in a vacuum)	30 s
Manual mixing time	60 - 90 s
Setting time	10 - 14 min.
Removal time	45 min.
Compressive strength (after 1hr*)	25 ± 2 MPa [> 20* MPa]
Linear expansion (after 2hrs*)	max. 0.15% [< 0.20*%]

**According to the standard ISO 6873: „Dentistry - Gypsum Products".*

Packages available

Colour	Bag 3 kg	Bucket 6 kg	Package 4x5 kg	Bag 25 kg
Yellow	G3Z03	G3Z06	G3Z20	G3Z25
Blue	G3N03	G3N06	G3N20	G3N25
Sky blue	G3SB03	G3SB06	G3SB20	G3SB25
Light green	G3J03	G3J06	G3J20	G3J25

COLOURS

- Yellow
- Blue
- Sky blue
- Light green *(mango scent)*

STODENT III
ORTHO

Stodent III Ortho is a type 3 hard dental stone recommended for archival, diagnostic and working models in the fabrication of removable orthodontic appliances.

CHARACTERISTICS

- Glossy white colour
- A small expansion

ADVANTAGES

- Smooth surface
- Easy to prepare and process
- Surface resistance to abrasion

Technical data

Mixing ratio	ok. 28 - 30 ml / 100 g
Mixing time (in a vacuum)	30 s
Manual mixing time	60 - 90 s
Setting time	10 - 14 min.
Removal time	45 min.
Compressive strength (after 1hr*)	25 ± 2 MPa [> 20* MPa]
Linear expansion (after 2hrs*)	max. 0.15% [< 0.20*%]

**According to the standard ISO 6873: „Dentistry - Gypsum Products".*

Packages available

Colour	Bag 3 kg	Bucket 6 kg	Package 4x5 kg	Bag 25 kg
White	G3B03	G3B06	G3B20	G3B25

COLOURS

- White

STODENT III
ARTI

Stodent III Arti is a type 3 dental stone recommended for mounting of models in articulators.

CHARACTERISTICS

- Colour: yellow

ADVANTAGES

- Short setting time
- Does not run off when in use

Technical data

Mixing ratio	30 ml / 100 g
Mixing time (in a vacuum)	30 s
Manual mixing time	60 s
Setting time	4 - 6 min.
Compressive strength (after 1hr*)	min. 20 MPa [> 20* MPa]
Linear expansion (after 2hrs*)	max. 0.20% [< 0.20*%]

**According to the standard ISO 6873: „Dentistry - Gypsum Products".*

Packages available

Colour	**Bag 3 kg**	**Bucket 6 kg**	**Package 4x5 kg**	**Bag 25 kg**
Yellow	G3A03	G3A06	G3A20	G3A25

COLOURS

- Yellow

STODENT IV

Stodent IV is an extra hard type 4 dental die stone, recommended for working models of permanent skeletal dentures and flexible dentures, combined works, post-implantation prostheses.

CHARACTERISTICS

- Available colours: brown, cream, ashen
- It is available in a cream colour with a vanilla scent and an ashen colour with a strawberry scent
- A small expansion
- Liquidity

ADVANTAGES

- Very good detail reproduction
- Smooth surface
- High resistance to mechanical damage

Technical data

Mixing ratio	20 ml / 100 g
Mixing time (in a vacuum)	30 s
Manual mixing time	60 - 90 s
Setting time	8 - 12 min.
Removal time	45 min.
Compressive strength (after 1hr*)	45 ± 2 MPa [> 35* MPa]
Linear expansion (after 2hrs*)	max. 0.10% [< 0.15*%]
Linear expansion (after 24hrs*)	< 0.18*%

**According to the standard ISO 6873: „Dentistry - Gypsum Products".*

Packages available

Colour	Bag 3 kg	Bucket 6 kg	Package 4x5 kg	Bag 25 kg
Brown	G4B03	G4B06	G4B20	G4B25
Creamy	G4K03	G4K06	G4K20	G4K25
Grey	G4P03	G4P06	G4P20	G4P25

COLOURS

- Brown
- Creamy *(vanilla scent)*
- Grey *(strawberries scent)*

STODENT IV
BASE

Stodent IV Base is a type 4 dental die stone recommended for the foundations of model with removable die for crowns and bridges. It does not require the use of a vibrating table.

CHARACTERISTICS

- Colour: terracotta red

ADVANTAGES

- Excellent fluidity
- Optimized expansion, compatible with expansion of the stone from which the dental arch is made

Technical data

Mixing ratio	24 ml / 100 g
Mixing time (in a vacuum)	30 s
Manual mixing time	60 s
Setting time	8 - 12 min.
Compressive strength (after 1hr*)	> 35* MPa
Linear expansion (after 2hrs*)	max. 0.10% [< 0.15*%]
Linear expansion (after 24hrs*)	< 0.18*%

**According to the standard ISO 6873: „Dentistry - Gypsum Products".*

Packages available

Colour	Bag 3 kg	Bucket 6 kg	Package 4x5 kg	Bag 25 kg
Terracotta red	G4C03	G4C06	G4C20	G4C25

COLOURS

- Terracotta red

STODENT V

Stodent V is type 5 an extra hard dental stone, recommended for highly precise prosthetic works requiring compensation for shrinkage of various materials.

CHARACTERISTICS

- Colour: orange

ADVANTAGES

- Very good detail reproduction
- Smooth surface
- Very high resistance to mechanical damage

Technical data

Mixing ratio	18 - 20 ml / 100 g
Mixing time (in a vacuum)	30 s
Manual mixing time	60 - 90 s
Setting time	8 - 12 min.
Removal time	45 min.
Compressive strength (after 1hr*)	50 ± 2 MPa
Linear expansion (after 2hrs*)	0.16% - 0.30%

**According to the standard ISO 6873: „Dentistry - Gypsum Products".*

Packages available

Colour	**Bag 3 kg**	**Bucket 6 kg**	**Package 4x5 kg**	**Bag 25 kg**
Orange	G5P03	G5P06	G5P20	G5P25

COLOURS

- Orange

AUROSIL
FORM 20 FAST

Type A silicone for replicating models in materials such as gypsum, covering compound, resins, wax, etc. **AUROSIL FORM 20 FAST** is characterized by its high flowability. This enables achieving a high accuracy of reproduced details, with a relatively fast setting time.

CHARACTERISTICS

AUROSIL FORM 20 FAST silicone can be used in various applications, including the fabrication of skeletal dentures, flexible prostheses, creation of control models, as well as in other technological processes requiring the replication of a specific element with a defined shape, including from modelling resin (e.g. Form Plast).

AUROSIL FORM 20 FAST silicone can be successfully employed in creating negative molds during the production of prostheses using the pouring technique (e.g. with Villacryl SP acrylic resin).

ADVANTAGES

- Optimally liquid consistency when pouring
- Accurate flow and reproduction of all details of the replicated model/element
- Fast setting time
- Minimal linear shrinkage (<0.1%)
- Optimal hardness facilitating the release of the model/element from the silicone mold
- No release of toxic substances during and after hardening

Technical data

Characteristics of the non cured product

Set contents	Aurosil A	Aurosil B
Colour	White	Orange
Viscosity *(at 23°C, ISO 3219)*	800 mPa·s	2500 mPa·s
Specific gravity *(at 23°C)*	1.05 g / cm³	

*Polymerisation - mixing ratio 1:1***

Mixing time**	~ 30 s
Working time at 23°C* *(50% humidity)*	2 - 3 min.
Setting time at 23°C* *(50% humidity)*	≤ 15 min.
Demoulding time	~ 20 min.

**Higher temperatures shorten, lower temperatures prolong these times.*
***Compliance with the recommended mixing ratio and time will ensure proper process cross-linking, which affects the mechanical properties of the hardened mass, shrinkage and final hardness.*

Crosslinked product on 6 mm thick specimen

Shore A hardness after 30 min.	15 – 21 ShA
Shore A hardness after 24h	16 – 23 ShA

Storage / shelf life

Aurosil may be stored in their unopened packaging for 24 months	temperature range of -5°C to +30°C.

Commodity indices

SAF20F01	Aurosil A 1 kg + Aurosil B 1 kg
SAF20F02	Aurosil A 100 g + Aurosil B 100 g

VILLACRYL THERMO PRESS

GRANULATE

Villacryl Thermo Press in granular form is a material that provides versatility of application and economy of the material. It provides the ability to accurately measure the amount of granules needed for injection molding of a prosthetic restoration.

CHARACTERISTICS

- Granular form
- Microcrystalline structure
- Working on a 4th class stone model
- No residual MMA monomer
- Available colors: 0, T2, T3, T4

ADVANTAGES

- Easy to process and polish
- Low absorption of fluids from the oral cavity
- Optimum flexibility and hardness of the denture
- Biocompatible pigments
- Most injection molding machines available on the market can be used

Technical data*

Injection temperature	275 - 285°C
Melting time	15 - 27 min.
Small cartridge (max. 13 g)	15 min.
Medium cartridge (max. 17 g)	19 min.
Big cartridge (max. 25 g)	27 min.
Injection pressure	7.5 - 9.0 bar
Pressure maintenance time	~ 3 min.
Cooling time	min. 15 min.

**The parameters may vary depending on the efficiency and type of injection molding machine used.*

Packages available

Code	Granulate
VTPG2500	Villacryl Thermo Press 0 - 250 g
VTPG250T2	Villacryl Thermo Press T2 - 250 g
VTPG250T3	Villacryl Thermo Press T3 - 250 g
VTPG250T4	Villacryl Thermo Press T4 - 250 g

COLOURS

- 0 - transparet
- T2 - milky-pink
- T3 - dark pink
- T4 - pink

VILLACRYL THERMO PRESS

CARTRIDGES

Villacryl Thermo Press in cartridges is a material that offers more freedom of work and saves time. Vacuum-packed granules in a cartridge ensure delivery of sufficient material when injecting even extensive dentures.

CHARACTERISTICS

- Microcrystalline structure
- Working on a 4th class stone model
- No residual MMA monomer
- Pre-filled cartridges:
  - Diameters: 22, 24, and 25 mm
  - Sizes: M (17 g) and L (25 g)

ADVANTAGES

- Quick application of the material, accelerating and simplifying the work
- Safe vacuum packaging guarantees the highest injection quality and trouble-free operation with each cartridge
- The special construction of the cork ensures safe and reliable material injection

Technical data*

Injection temperature	275 - 285°C
Melting time	15 - 27 min.
Small cartridge (max. 13 g)	15 min.
Medium cartridge (max. 17 g)	19 min.
Big cartridge (max. 25 g)	27 min.
Injection pressure	7.5 - 9.0 bar
Pressure maintenance time	~ 3 min.
Cooling time	min. 15 min.

**The parameters may vary depending on the efficiency and type of injection molding machine used.*

Packages available

Code	Cartridges
VTPK22M0	22 mm M (17 g) 0 - 12 pcs.
VTPK22L0	22 mm L (25 g) 0 - 12 pcs.
VTPK24M0	24 mm M (17 g) 0 - 12 pcs.
VTPK24L0	24 mm L (25 g) 0 - 12 pcs.
VTPK25M0	25 mm M (17 g) 0 - 12 pcs.
VTPK25L0	25 mm L (25 g) 0 - 12 pcs.
VTPK22MT2	22 mm M (17 g) T2 - 12 pcs.
VTPK22LT2	22 mm L (25 g) T2 - 12 pcs.
VTPK24MT2	24 mm M (17 g) T2 - 12 pcs.
VTPK24LT2	24 mm L (25 g) T2 - 12 pcs.
VTPK25MT2	25 mm M (17 g) T2 - 12 pcs.
VTPK25LT2	25 mm L (25 g) T2 - 12 pcs.
VTPK22MT3	22 mm M (17 g) T3 - 12 pcs.
VTPK22LT3	22 mm L (25 g) T3 - 12 pcs.
VTPK24MT3	24 mm M (17 g) T3 - 12 pcs.
VTPK24LT3	24 mm L (25 g) T3 - 12 pcs.
VTPK25MT3	25 mm M (17 g) T3 - 12 pcs.
VTPK25LT3	25 mm L (25 g) T3 - 12 pcs.
VTPK22MT4	22 mm M (17 g) T4 - 12 pcs.
VTPK22LT4	22 mm L (25 g) T4 - 12 pcs.
VTPK24MT4	24 mm M (17 g) T4 - 12 pcs.
VTPK24LT4	24 mm L (25 g) T4 - 12 pcs.
VTPK25MT4	25 mm M (17 g) T4 - 12 pcs.
VTPK25LT4	25 mm L (25 g) T4 - 12 pcs.

COLOURS

- 0 - transparet
- T2 - milky-pink
- T3 - dark pink
- T4 - pink

VILLACRYL
THERMO ISO-CLEAR

Villacryl Thermo Press Iso-Clear is a transparent light-curing insulator designed to insulate stone models from injected polyamide plastic. Efficient and reliable, as it is resistant to high temperatures and forms a thin layer on the surface of the stone that shows no adhesion to the polyamide.

CHARACTERISTICS

- Resistant to high temperatures
- Optimum density and fluidity

ADVANTAGES

- Perfect smooth surface
- Due to high temperature resistance, provides a perfect surface of the injected denture, which eliminates the need for mechanical processing on the mucosal side
- Single layer is enough to effectively isolate the model

Packages available

Liquid

TP032: 30 ml

VILLACRYL
THERMO MULTI SPRAY

Villacryl Thermo Multi Spray is an all-purpose aerosol lubricant for flasks and cartridges. After spraying, it forms a thin, heat-resistant slip layer on the surface, guaranteeing protection of the injection molding machine's heating chamber from seizure, and providing a trouble-free injection process. It contains no solvents and leaves no residue in the heating chamber, making it suitable for any type of injection molding machine. In addition, it can be used for maintenance and insulation of injection flasks.

CHARACTERISTICS

- Resistant to high temperatures
- Does not contain solvents

ADVANTAGES

- The convenient aerosol form enables quick and clean application of the material
- Does not build up in the heating chamber
- Safe for the injection molding machine

Packages available

Spray

TP044: Container 400 ml

VILLACRYL
THERMO TUBES

Villacryl Thermo Tubes - disposable aluminum tubes designed for the injection of thermoplastic materials. The special shape of the cork guarantees safe and reliable injection of the material. Available in various diameters and lengths, for the injection of all types of removable dentures.

CHARACTERISTICS

- Available in the following sizes and diameters:
  - ø22 mm height 90 mm and 120 mm
  - ø24 mm height 80 mm and 110 mm
  - ø25 mm height 75 mm and 100 mm

ADVANTAGES

- Special plug design ensures safe and reliable injection of material
- Compatible with numerous injection molding machines on the market

Packages available

Code
TP034: Empty aluminum tubes ø22 height 90 mm - 30 pcs.
TP035: Empty aluminum tubes ø22 height 120 mm - 30 pcs.
TP040: Empty aluminum tubes ø25 height 75 mm - 30 pcs.
TP041: Empty aluminum tubes ø25 height 100 mm - 30 pcs.
TP042: Empty aluminum tubes ø24 height 80 mm - 30 pcs.
TP043: Empty aluminum tubes ø24 height 110 mm - 30 pcs.

VILLACRYL H PLUS

Villacryl H Plus is a heat-curing acrylic resin, intended for denture bases, removable full or partial dentures and for the indirect relining of removable dentures. They are easy to prepare and finish, and offers a stable shape, reliability and high quality of work performed.

ADVANTAGES

- Relined by soft and hard materials
- Colour stability
- Highly aesthetic
- Heavy metals free
- Biologically neutral
- High mechanical strength

Technical data

Mixing ratio	24 g powder / 10 g (10,5 ml) liquid
Dough time	20-25 min. (temp. 23°C)
Working time	25-30 min. (temp. 23°C)
Polymerization time	30 min. – 60°C → 100°C 30 min. – 100°C 30 min. – air cooling
Flexural strength	> 65* MPa
Solubility	< 1,6* µg/mm³
Sorption	< 32* µg/mm³

**According to the standard EN ISO 20795-1 „Dentistry — Base polymers - Part 1: Denture base polymers".*

Packages available

Colour	Set	Powder
0	V1000Z02: 750 g + 400 ml	V1000P04: 750 g V1000P03: 4 kg
V2	V100V2Z09: 750 g + 400 ml	V100V2P18: 750 g V100V2P17: 2 kg V100V2P10: 4 kg
V3	V100V3Z11: 750 g + 400 ml	-
V4	V100V4Z12: 750 g + 400 ml	V100V4P15: 750 g V100V4P13: 2 kg V100V4P14: 4 kg V100V4P19: 20 kg
T4	V100T4Z08: 750 g + 400 ml	-

Liquid
V100L06: 400 ml
V100L05: 1 l

COLOURS

- 0 - transparent
- V2 - milk pink veined
- V3 - dark pink veined
- V4 - pink veined
- T4 - pink

VILLACRYL H RAPID

Villacryl H Rapid is a heat-curing acrylic resin for rapid polymerization that has been specially developed to accelerate the technological process in the dental laboratories. Supports making plates of removable full and partial dentures as well as indirect relining of dentures. Fast polymerization shortens the process time by up to half.

ADVANTAGES

- Saves approximately 60 minutes in denture preparation time
- Plastic consistency of the acrylic dough during stuffing in a polymerization flask
- Heavy metals free
- Biologically neutral

Technical data

Mixing ratio	24 g powder / 10 g (10,5 ml) liquid
Dough time	8-10 min.
Working time	20 min.
Polymerization time	10 min. – 80°C → 100°C 20 min. – 100°C 20 min. – cooling at room temperature
Flexural strength	> 65* MPa
Solubility	< 1,6* µg/mm³
Sorption	< 32* µg/mm³

**According to the standard EN ISO 20795-1 „Dentistry — Base polymers - Part 1: Denture base polymers".*

Packages available

Colour	Set	Powder
0	V110Z01: 750 g + 400 ml	-
V2	V110V2Z05: 750 g + 400 ml	-
V4	V110V4Z07: 750 g + 400 ml	V110V4P11: 750 g V110V4P08: 2 kg V110V4P09: 4 kg

Liquid
V110L04: 400 ml
V110L02: 1 l

COLOURS

- 0 - transparent
- V2 - milky pink veined
- V4 - pink veined

VILLACRYL H RAPID FN

Villacryl H Rapid FN is acrylic material for rapid thermal polymerization that has been specially prepared to accelerate the technological process in the dental and technical laboratories. Using it supports making bases of removable full and partial dentures as well as indirect relining of dentures. Fast polymerization shortens the process time by up to half.

ADVANTAGES

- Saves approximately 60 minutes in denture preparation time
- Plastic consistency of the acrylic dough during stuffing in a polymerization flask
- Heavy metals free
- Biologically neutral

Technical data

Mixing ratio	23 g powder / 10 g (10,5 ml) liquid
Dough time	8-10 min. (temp. 23°C)
Working time	20 min. (temp. 23°C)
Polymerization time	10 min. – 80°C → 100°C 20 min. – 100°C 20 min. – cooling at room temp.
Flexural strength	> 65* MPa
Solubility	< 1,6* µg/mm³
Sorption	< 32* µg/mm³

**According to the standard EN ISO 20795-1 „Dentistry — Base polymers - Part 1: Denture base polymers".*

Packages available

Colour	Set	Liquid
V4	V260V4Z01: (750 g + 400 ml)	V260L01: 400 ml

COLOURS

- V4 - pink veined

VILLACRYL SP

Villacryl SP is a cold-curing acrylic resin for acrylic parts of frameworks, complete and partial dentures, with the use of hydrocolloid masses, silicones for masks and duplicating silicones. Useful for repair and indirect relining as well.

ADVANTAGES

- Rapid denture production by pouring technique using a silicone mask
- Easy to prepare and process
- Good masking of the metal parts of the denture
- Heavy metals free
- Biologically neutral

Technical data

	Acrylic parts of partial dentures	Settling infusion dentures
Mixing ratio	10 g powder / 7 ml (6,5 g) liquid	10 g powder / 5,2 ml (5 g) liquid
Dough time	60-90 s (23°C)	30-60 s (23°C)
Polymerization time	50-60°C min. 20 min. 2 bar	60°C 30 min. 2 bar
Flexural strength	> 60* MPa	
Solubility	< 8* µg/mm³	
Sorption	< 32* µg/mm³	

**According to the standard EN ISO 20795-1 „Dentistry — Base polymers - Part 1: Denture base polymers".*

Packages available

Colour	Set	Powder
0	V1200Z01: 500 g + 300 ml	-
V2	V120V2Z03: 500 g + 300 ml	-
V4	V120V4Z04: 500 g + 300 ml	V120V4Z05: 500 g

Liquid
V120L06: 300 ml

COLOURS

- 0 - transparent
- V2 - milky pink veined
- V4 - pink veined

VILLACRYL S

Villacryl S is a self-curing acrylic resin intended for the repair and indirect relining of removable dentures. Fully compatible with resins from the Villacryl H Plus line thanks to the matching colour range.

ADVANTAGES

- Quick to manufacture, thanks to the good connection to hot-curing materials
- The same range of colours as in the Villacryl H Plus and H Rapid line guarantee high aesthetics of the repair
- Easy to prepare and process
- Heavy metals free
- Biologically neutral

Technical data

Mixing ratio	10 g powder / 5,3 ml (5 g) liquid
Dough time	8 min.
Polymerization time	min. 20 min. 50-60°C 2 bar
Flexural strength	> 60* MPa
Solubility	< 8* µg/mm³
Sorption	< 32* µg/mm³

**According to the standard EN ISO 20795-1 „Dentistry — Base polymers - Part 1: Denture base polymers".*

Packages available

Colour	Set	Powder
0	V1300Z01: 100 g + 50 ml	V1300P08: 1 kg
V2	1300V2Z04: 100 g + 50 ml	-
V4	V1300V4Z05: 100 g + 50 ml	V130V4P06: 1 kg
T4	V1300T4Z03: 100 g + 50 ml	V130T4P11: 1 kg

Liquid
V130L02: 200 ml
V130L07: 500 ml

COLOURS

- 0 - transparent
- V2 - milk pink veined
- V4 - pink veined
- T4 - pink

VILLACRYL IT

Villacryl IT is a self-curing acrylic resin for the fabrication of individual impression trays. The formula ensures speed and ease of use, making the material suitable for work immediately after mixing the powder with the liquid.

ADVANTAGES

- Rigid and stable
- Heavy metals free
- Easy to prepare and process
- Works immediately after mixing
- Does not stick to hands

Technical data

Mixing ratio	21 g powder / 6 ml (5,6 g) liquid
Dough time	1 min.
Working time	4-5 min. (23°C)
Polymerization time	8-12 min.
Flexural strength	> 15 MPa

Packages available

Colour	Set	Powder
Green	V140ZZ04: 750 g + 200 ml	V140ZP02: 750 g
Pink	V140RZ03: 750 g + 200 ml	V140RP05: 750 g

Liquid
V140ZL01: 200 ml

COLOURS

- Green
- Pink

VILLACRYL OPAKER

Villacryl Opaker is an acrylic material for masking metal in dentures, crowns and bridges. The material is used for frame dentures and acrylic-faced bridges.

ADVANTAGES

- Easy to prepare and process
- Simple and effective way of hardening
- Possibility of individual selection of colours
- Heavy metals free

Technical data*

Mixing ratio	2 g powder / 1 g liquid
Working time	8 min. (23 °C)
Polymerization process	10 min. 95°C 2 bar

**According to EN ISO 10477 „Dentistry - Polymer-based crown and bridge materials."*

Packages available

Code	Set
V210Z10	Villacryl Opaker 4 x 7 g powder (grey, yellow, brown, pink) + 2 x 12 ml liquid + 12 ml primer
V210Z12	Villacryl Opaker 2 x 7 g powder (pink) + 12 ml liquid + 12 ml primer

COLOURS

- Grey
- Pink
- Brown
- Yellow

FORM PLAST

Self-curing, burning without residue acrylic resin **Form Plast** is intended in particular for modeling prosthetic restorations, crowns, telescopic crowns, clasps, adhesive bridges, as well as for all auxiliary work in the dental technology laboratory and dental office.

ADVANTAGES

- Minimal polymerization shrinkage
- Short polymerization time
- Due to the quick gelation of the mass, it does not run off the plaster model
- Residue-free combustion
- Economical packaging
- Contrasting red colour

Technical data

Polymerization process	4 min. (23°C)

Packages available

Set

V220Z01: red: 30 g + 2 x 12 ml

V220Z02: 100 g + 2 x 50 ml + accessories

Liquid

V220L02: 12 ml

Accessories

TP037	**Form Plast Pourer - 12 pcs. package**

TP038Z	**Form Plast Brush - 4 pcs. package**
TP038	**Form Plast Brush - 1 pc.**

COLOURS

- Red

APLODENT HOT

Aplodent Hot is a heat-curing acrylic resin specifically designed for manufacturing bases for full and partial dentures and for the indirect relining of removable dentures.

ADVANTAGES

- Excellent consistency of acrylic dough
- Contains only organic pigments
- Minimal shrinkage
- Fast polymerization
- Short waiting time for dough - 10 minutes
- Wide range of colours

Technical data

Mixing ratio	35 g / 14 ml
Dough setting time	~ 10 min. (at 23°C)
Working time	~ 25 min. (at 23°C)
Polymerization	Put the flask in 100°C water, turn off the heat and leave for 15 min. Then boil for 20 min.
Flexural strenght	> 65* MPa
Solubilty	< 1,6* µg/mm³
Sorption	< 32* µg/mm³

**According to the EN ISO 20795-1 standard „Dentistry - Polymers for denture base plates - Part 1: Denture base polymers".*

Packages available

Aplodent HOT powder		
0	AH1000P1	1 kg
0	AH1000P2	2 kg
0	AH1000P3	4 kg
0	AH1000P4	500 g
V26	AH100V26P1	1 kg
V26	AH100V26P4	500 g
V27	AH100V27P1	1 kg
V27	AH100V27P2	2 kg
V27	AH100V27P3	4 kg
V27	AH100V27P4	500 g
V29	AH100V29P1	1 kg
V29	AH100V29P2	2 kg
V29	AH100V29P3	4 kg
V29	AH100V29P4	500 g
T41	AH100T41P1	1 kg
T41	AH100T41P2	2 kg
T41	AH100T41P3	4 kg
T41	AH100T41P4	500 g
V42	AH100V42P1	1 kg
V42	AH100V42P2	2 kg
V42	AH100V42P3	4 kg
V42	AH100V42P4	500 g
V65	AH100V65P1	1 kg
V65	AH100V65P4	500 g

Aplodent HOT liquid	
AH100L01	1000 ml
AH100L02	500 ml
AH100L03	250 ml
AH100L04	10 ml

COLOURS

- 0 – transparent
- V26 – pink veined
- V27 – milky pink veined
- V29 – coppery pink veined
- T41 – pink reddish
- V42 – pink reddish veined
- V65 – plummy pink veined

APLODENT COLD

Aplodent Cold is a cold-curing resin polymerization designed for performing repairs of removable full and, partial dentures, acrylic parts of chrome dentures and acrylic orthodontic appliances.

ADVANTAGES

- Short time from the mixing to applying the material to the work
- Fast polymerisation taking only 10 minutes
- The same colour range as Aplodnet Hot guarantees a high aesthetics of reparis
- Contains only organic pigments

Technical data

Mixing ratio	10 g / 7 ml
Working time	~ 2 min. (at 23°C)
Polymerization time	min. 10 min. – 55°C 2 bar
Flexural strength	> 60* MPa
Solubility	< 8* µg/mm³
Sorption	< 32* µg/mm³

**According to the EN ISO 20795-1 standard „Dentistry - Polymers for denture base plates - Part 1: Denture base polymers".*

Packages available

Aplodent COLD powder

0	AC1100P1	1 kg
0	AC1100P2	2 kg
0	AC1100P3	4 kg
0	AC1100P4	500 g
0	AC1100P5	100 g
V26	AC110V26P1	1 kg
V26	AC110V26P2	2 kg
V26	AC110V26P3	4k g
V26	AC110V26P4	500 g
V26	AC110V26P5	100 g
V27	AC110V27P1	1 kg
V27	AC110V27P2	2 kg
V27	AC110V27P3	4 kg
V27	AC110V27P4	500 g
V27	AC110V27P5	100 g
V29	AC110V42P1	1 kg
V29	AC110V29P2	2 kg
V29	AC110V29P3	4 kg
V29	AC110V42P4	500 g
V29	AC110V42P5	100 g
T41	AC110T41P1	1 kg
T41	AC110T41P2	2 kg
T41	AC110T41P3	4 kg
T41	AC110T41P4	500 g
T41	AC110T41P5	100 g
V42	AC110V42P1	1 kg
V42	AC110V42P2	2 kg
V42	AC110V42P3	4 kg
V42	AC110V42P4	500 g
V42	AC110V42P5	100 g
V65	AC110V65P1	1 kg
V65	AC110V65P2	2 kg
V65	AC110V65P3	4 kg
V65	AC110V65P4	500 g
V65	AC110V65P5	100 g

Aplodent COLD liquid

AC110L01	1000 ml
AC110L02	500 ml
AC110L03	250 ml
AC110L04	50 ml
AC110L05	10 ml

COLOURS

- 0 – transparent
- V26 – pink veined
- V27 – milky pink veined
- V29 – coppery pink veined
- T41 – pink reddish
- V42 – pink reddish veined
- V65 – plummy pink veined

VILLACRYL HARD

Villacryl Hard is a cold-curing acrylic material intended for temporary relining of dentures directly in the patient's mouth. Thanks to the low temperature polymerization is fully safe for the patient.

ADVANTAGES

- Low polymerization temperature in the patient's mouth
- Convenient for use in a dentist's office
- Easy to prepare and process
- Enables quick denture relining
- Bonds well with the denture base
- Provides the patient comfort of using the denture
- Heavy metals free
- Biologically neutral

Technical data

Mixing ratio	2,35 g powder / 1,5 ml (1,3 g) liquid
Dough time	90 s
Polymerization process in the patient's mouth	2 min.
Polymerization time as per IFU	30 min. – 50-60°C with the addition of a hardener 2 g / 200 ml
Surface hardness	72 Shore D

Packages available

Set
V190Z02: 60 g + 40 ml + 10 ml

COLOURS

- Pink

VILLACRYL SOFT

Cold polymerization acrylic material for temporary soft linings of acrylic dentures. **Villacryl Soft** in the new formula does not contain dangerous phthalates, it has been tested by certified institutes and medical authorities. The stability of parameters and functional properties are guaranteed for 30 days of use in the patient's mouth.

ADVANTAGES

- Phthalate-free
- Cold curing formula
- For use in the dental laboratory
- Easy to prepare and process
- Good adhesion to acrylic dentures
- Well-balanced softness

Technical data

Mixing ratio	1,5 g powder / 1 g liquid
Gelation time (23 ± 2°C)	2 - 3 min.
Polymerization Pressure method	30 min. 65°C 2 bar
Shore hardness A0 after 2h	30 < Shore A0 ≤ 50*
Shore hardness A0 after 7h	Shore A0 < 60*
Cooling	Remove the model from the polymerizer and cool to room temperature.

**According to the standard EN ISO 10139-1 „Dentistry — Soft lining materials for removable dentures - Part 1: Materials for short-term use".*

Packages available

Set
V150Z03: powder 60 g + liquid 40 ml + varnish 10 ml

COLOURS

- T4 - pink

4SHINE CUTTERS

4Shine Cutters is a line of premium cutters made of fine-grained tungsten carbide with high hardness, designed for the needs of dental technicians in the field of acrylic and thermoplastic dentures, chrome dentures, metal crown and bridge frameworks, as well as stone processing. Each of the cutters was made on the most innovative Swiss CNC milling machines, and its quality was confirmed during rigorous and ultra-precise tests. This guarantees high concentricity accuracy and cutting efficiency.

CHARACTERISTICS

- Fine-grained carbide with high hardness
- Created on the most innovative CNC milling machines

ADVANTAGES

- High efficiency
- High concentricity precision
- Long lasting sharpness even if used intensively according to the recommended rpm

4SHINE CUTTERS

CUTTERS IDENTIFICATION

1	**SHAPE - 273 -** rounded cone
2	**TYPE OF CUT - 190 -** standard crosscut
3	**HEAD DIAMETER - 040 -** 4 mm

AC CUTTERS

CROSSCUT CUTTERS FOR PROCESSING ACRYLIC RESINS

Opt. ↻ 10.000-20.000 RPM

AC cutter 274.190.060
A large parabolic cutter with standard cross cuts for initial processing of acrylic resins, e.g., after deflasking.

Opt. ↻ 10.000-20.000 RPM

AC cutter 277.190.060
Large elliptical cutter with standard cross cuts for processing and smoothing of the palatal surface of acrylic dentures.

Opt. ↻ 10.000-20.000 RPM

AC cutter 273.190.040
Medium rounded cone cutter with standard cross cuts for detailing and smoothing acrylic dentures.

Opt. ↻ 10.000-20.000 RPM

AC cutter 198.190.023
A small conical cutter with fine cross cuts for corrections that require accuracy.

TC CUTTERS

CROSSWISE CUT CUTTERS FOR PROCESSING THERMOPLASTIC MATERIALS

Opt. ↻ 10.000-20.000 RPM

TC drill 408.298.016
Drill with special cuts for making retention canals in acrylic and composite teeth.

Opt. ↻ 10.000-20.000 RPM

TC cutter 274.134.060
Large parabolic cutter with fine cross cuts for initial processing of thermoplastic materials, e.g., injection channels and denture rims.

Opt. ↻ 15.000 RPM

TC cutter 274.134.050
Medium parabolic cutter with fine cross cuts for detailing and smoothing thermoplastic dentures.

Opt. ↻ 10.000 RPM

TC cutter 199.134.023
Small conical cutter with fine cross cuts for the correction of flexible dentures.

SC CUTTERS

CROSSCUT CUTTERS
FOR PROCESSING STONES

Opt. ↻ 8.000-12.000 RPM

SC cutter 274.220.060
Large parabolic cutter with thick cross cuts for processing dry dental stone models.

Opt. ↻ 8.000-12.000 RPM

SC cutter 274.223.060
Large parabolic cutter with extra-thick cross cuts for machining wet dental stone models.

EC CUTTER

CUTTER WITH STRAIGHT CUTS
FOR PROCESSING SOFT AND FLEXIBLE MATERIALS

Opt. ↻ 18.000-20.000 RPM

EC Cutter 274.176.060
Large parabolic cutter with very thick straight cuts and additional transverse cuts for processing soft and flexible materials.

MC CUTTERS

STANDARD CROSSWISE CUT CUTTERS FOR PRE-PROCESSING METAL ALLOY MATERIALS

Opt. ↻ 15.000-20.000 RPM

MC cutter 266.190.060

Large cone-shaped cutter with rounded head and standard cross cuts for pre-processing of metal alloy structures.

Opt. ↻ 15.000-20.000 RPM

MC cutter 274.190.050

Large parabolic-shaped cutter with standard cross cuts for pre-processing of metal alloy structures.

Opt. ↻ 15.000-20.000 RPM

MC cutter 175.190.023

Small cone-shaped cutter with flat head and standard cross cuts for pre-processing of metal alloy structures.

Opt. ↻ 15.000-20.000 RPM

MC cutter 141.190.023

Small cylindrical cutter with rounded head and standard cross cuts for pre-processing of metal alloy structures.

MC CUTTERS (SMOOTHING)

FINE CROSSWISE CUT CUTTERS FOR SURFACE PREPARATION OF METAL ALLOYS PRIOR TO POLISHING

Opt. ↻ 15.000-20.000 RPM

MC cutter 274.110.060

Large parabolic-shaped cutter with fine cross cuts for smoothing.

Opt. ↻ 15.000-20.000 RPM

MC cutter 200.110.040

Medium cone-shaped cutter with rounded head and fine cross cuts for smoothing.

Opt. ↻ 15.000-20.000 RPM

MC cutter 141.110.023

Small cylindrical cutter with rounded head and fine cross cuts for smoothing.

Opt. ↻ 15.000-20.000 RPM

MC cutter 175.110.023

Small tapered bur with flat head and fine cross cuts for smoothing.

Opt. ↻ 15.000-20.000 RPM

MC cutter 289.110.023

Small elliptical bur with fine cross cuts for smoothing.

Code	4Shine AC Cutters
TP4SAC01	198.190.023
TP4SAC02	273.190.040
TP4SAC03	274.190.060
TP4SAC04	277.190.060

Code	4Shine TC Cutters
TP4STC01	199.134.023
TP4STC02	274.134.050
TP4STC03	274.134.060
TP4STC04	408.298.016

Code	4Shine SC Cutters
TP4SSC01	274.223.060
TP4SSC02	274.220.060

Code	4Shine EC Cutters
TP4SEC01	274.176.060

Code	4Shine MC Cutters
TP4SMC01	266.190.060
TP4SMC02	274.190.050
TP4SMC03	175.190.023
TP4SMC04	141.190.023

Code	4Shine MC Cutters (smoothing)
TP4SMC05	274.110.060
TP4SMC06	200.110.040
TP4SMC07	175.110.023
TP4SMC08	141.110.023
TP4SMC09	289.110.023

4SHINE
POLISHING POWDER

4Shine Polishing Powder - the pre-polishing powder for acrylic resins and thermoplastic materials that is used in place of a dental pumice. The varied size and sharp contour of the grains allows easier and faster polishing to a high gloss without the need to use dental lab silicone rubbers. The preservative used in the powder prevents the multiplication of bacteria and fungi during use to ensure greater comfort of work.

CHARACTERISTICS

- Varied size and sharp contour of grains
- Does not require prior use of silicone rubbers for pre-polishing
- Contains a bacterio- and fungostatic agent

ADVANTAGES

- Time saving during the pre-polishing process
- Easy to obtain a very high gloss by perfect preparation of the polished surface for final polishing
- Prevents the multiplication of bacteria and fungi during use

AVAILABLE IN TWO VARIANTS OF ABRASION:

4SHINE HARD
HIGHLY ABRASIVE

4SHINE REGULAR
MEDIUM ABRASIVE

Packages available

Code	4shine Polishing Powder HARD
TP4SPPH02	2 kg
TP4SPPH10	10 kg

Code	4shine Polishing Powder REGULAR
TP4SPPR02	2 kg
TP4SPPR10	10 kg

4SHINE
POLISHING PASTE

4Shine Polishing Paste is a series of stone-format pastes designed for polishing thermoplastic materials, acrylic resins, and metal alloys. It meets the demands of dental industry professionals, increasing daily efficiency. Each paste has varied polishing and glazing agents for extreme leveling and mirror gloss. A specially selected binding agent ensures good adhesion to surfaces and easy residue removal with soft brushes and warm water.

CHARACTERISTICS

- Varied gradation of polishing and glossing agents
- Specially selected binding agent
- Designed for all types of thermoplastics, acrylic materials and metal alloys

ADVANTAGES

- Mirror-like shine of the polished surface
- Good adhesion and easy cleaning of paste residues from the polished surface
- Effective and efficient use

Packages available

Code	
TP4SPPA	4Shine Polishing paste ACRYLIC 250 g
TP4SPPM	4Shine Polishing paste METAL 250 g
TP4SPPT	4Shine Polishing paste THERMOPLASTIC 250 g

PASTA POLERSKA

Polishing Paste for acrylic and metal. Universal polishing paste intended to give the final gloss to pre-smoothed surfaces. It can be used for polishing details made of acrylic resins and metals. It has good adhesion to the polished surface and does not run off during processing.

CHARACTERISTICS

- Universal polishing paste for gloss finishing:
  - Acrylic
  - Metal
  - Composite restorations and other resins used in dentistry
- It has an optimally thick consistency
- Packaged in 150 g tubes

ADVANTAGES

- Does not run during use
- Good adhesion when applying the paste to the object
- Easy to use directly from the tube
- Visible gloss achieved shortly after beginning the polishing process

Packages available

Code
TP006: Tube 150 g

PUMEKS

The abrasive material system for preliminary polishing consists of three types of powdered **pumice**. The specific grain size is achieved by sieving the ground material through appropriate sieves with mesh sizes matching the grain thickness. According to the optimal polishing procedure, preliminary polishing should begin with Pumice 0.2. The preliminary polishing procedure can be completed with fine Pumice 0.5 or 0.6, depending on the material being polished. Such a prepared surface can be effectively glossed using polishing pastes offered by Everall7, available in paste or stone form.

CHARACTERISTICS

- The system includes three grain sizes:
  - Coarse (Pumice 0.2)
  - Medium (Pumice 0.5)
  - Fine (Pumice 0.6)
- The abrasive material is derived from natural raw materials and contains a preservative (sodium benzoate)
- It is used for preliminary polishing of acrylic, metal, composites, and other materials used in dentistry

ADVANTAGES

- The varied grain sizes of pumice allow for customization to the polisher's needs and habits
- Environmentally friendly material
- Safe for health – contains a preservative that prevents the growth of harmful microorganisms, bacteria, and viruses

Packages available

Code	
TP0225	Pumice 0,2 - 25kg
TP0203	Pumice 0,2 - 3kg
TP0525	Pumice 0,5 - 25kg
TP0503	Pumice 0,5 - 3kg
TP0625	Pumice 0,6 - 25kg
TP0603	Pumice 0,6 - 3kg

SANDBAG

Sandbag is a pure aluminium oxide of various grain size, intended for sandblasting and surface finishing of various materials.

CHARACTERISTICS

- Available in three grit sizes of 50 µm, 110 µm and 250 µm
- Economical 3 kg packaging

ADVANTAGES

- High chemical purity
- Sharp-contoured grains

Packages available

Code	
TP05003	Sandbag 50 µm - 3 kg
TP11003	Sandbag 110 µm - 3 kg
TP25003	Sandbag 250 µm - 3 kg

VILLACRYL STC HOT

Villacryl STC HOT a hot-curing acrylic material for the veneering of crowns and bridges as well as temporary restorations.

ADVANTAGES

- Fast polymerization
- Possibility to make temporary crowns and bridges
- Possibility of veneering metal structures
- Naturalness of the restoration
- Optimum strength and elastic properties
- Shades based on VITA® ensure a good colour match in the patient's mouth

Technical data

Mixing ratio	2,4 g powder / 1 ml (1 g) liquid
Dough time	8-10 min.
Working time	20 min.
Polymerization time	10 min. - 80°C → 100°C 30 min. - 100°C
Solubility	< 7,5* µg/mm³
Sorption	< 40* µg/mm³

**According to the standard EN ISO 10477 „Dentistry — Polymer-based crown and veneering materials".*

Packages available

Colour	Set
	V210Z13: Villacryl HOT
A1	V210A1Z01: 80 g + 40 ml
A2	V210A2Z02: 80 g + 40 ml
A3	V210A3Z03: 80 g + 40 ml
A3,5	V210A35Z04: 80 g + 40 ml
A4	V210A4Z05: 80 g + 40 ml
B1	V210B1Z06: 80 g + 40 ml
B2	V210B2Z07: 80 g + 40 ml
C2	V210C2Z08: 80 g + 40 ml
C4	V210C4Z09: 80 g + 40 ml
D2	V210D2Z12: 80 g + 40 ml

COLOURS

according to VITA® Classic

- A1 · A2 · A3 · A3,5 · A4
- B1 · B2
- C2 · C4
- D2

VILLACRYL STC

Villacryl STC self-curing acrylic resin for the fabrication of temporary crowns and bridges and the repair of temporary crowns and bridges with acrylic veneers. Powder and liquid form. Initial crown formation and material hardening take place directly in the patient's mouth.

ADVANTAGES

- Maximum curing temperature in the patient's mouth is only 37°C
- Ease of use in the dentist' s office
- Aesthetic colour shades
- Low self-curing temperature
- Short self-curing time
- Well tolerated by patients
- Heavy metals free
- Biologically neutral

Technical data

Mixing ratio	2 g powder / 1,0 ml (1,0 g) liquid
Dough time	30 s
Working time	90 s
The polymerization process in the patient's mouth	4 min.
Polymerization time	15 min. – 50-65°C with the addition of a hardener 2 g / 200 ml water
Max. temperature during polymerization in mouth	37°C

Packages available

Set
V200Z05: powder 3 x 20 g + liquid 40 ml + hardener 40 g

COLOURS

(the closest to the VITA® A-1, A-3, A-4 shades)

- 1 (A-1)
- 2 (A-3)
- 3 (A-4)

VILLACRYL ORTHO

Villacryl Ortho a transparent acrylic resin for low-temperature pressure polymerization intended for the fabrication of removable orthodontic appliances by pouring powder on the model and soaking with monomer ("salt and pepper" method) and for repairing orthodontic appliances.

ADVANTAGES

- Possibility of individual creation of a colour of any saturation
- Economical, just add colour concentrate to get a variety of colours
- Low absorption of fluids from the oral cavity
- Biologically neutral
- Thanks to the quick gelation the mass does not flows down from the model
- Perfect transparency of the acrylic resin
- Easy to prepare and process

Technical data

Polymerization time minimum	20 min. 50-60°C 2 bar
Flexural strength	> 50* MPa
Solubility	< 5* µg/mm³
Sorption	< 32* µg/mm³

**According to the standard ISO 20795-2 „Dentistry — Base Polymers - Part 2: Orthodontic Base Polymers".*

Packages available

Colour	Set	Powder
0	V160Z01: 500 g + 250 ml + 3 x 12 ml	V1600P07: 500 g V1600P05: 2 kg V1600P06: 4 kg

Liquid
V160L03: 250 ml
V160L04: 500 ml
V160L02: 1 l

COLOURS

- 0 - transparent

VILLACRYL ORTHO MIX

Villacryl Ortho MIX is a cold-curing transparent acrylic resin intended for the production of removable orthodontic appliances by the pouring powder on the model and soaking with monomer ("salt and pepper" method) and acrylic dough and for the repair of orthodontic appliances.

ADVANTAGES

- Economical, just add colour concentrate to get a variety of colours
- High mechanical strength
- Biologically neutral
- Versatility of applications in the dental and technical laboratories
- Easy to prepare and process

Technical data

Mixing ratio	24 g powder / 10 ml liquid
Dough time	6-7 min.
Working time	~ 15 min.
Polymerization time minimum	20 min. 45-55°C 2 bar
Flexural strength	> 50* MPa
Solubility	< 5* µg/mm³
Sorption	< 32* µg/mm³

**According to the standard ISO 20795-2 „Dentistry — Base Polymers - Part 2: Orthodontic Base Polymers".*

Packages available

Colour	Set
0	V170Z01: 500 g + 250 ml + 3 x 12 ml

COLOURS

- 0 - transparent

VILLACRYL ORTHO

COLOUR CONCENTRATES

Colour concentrates for **Villacryl Ortho** allow you to get any colour of the orthodontic appliance. 8 colours giving the possibility of creating intermediate colours.

ADVANTAGES

- Possible to individually create colour of any saturation
- Devices made with Villacryl Ortho with the use of various colour concentrates, have high aesthetic value and colour stability

Available packaging and colors

Colour	Code	Packaging
▸ BLUE	V1809P08: Blue	50 ml
▸ LIGHT GREEN	V1808P07: Light Green	50 ml
▸ DARK GREEN	V1807P06: Dark Green	50 ml
▸ PURPLE	V1806P05: Purple	50 ml
▸ RASPBERRY	V1805P04: Raspberry	50 ml
▸ RED	V1804P03: Red	50 ml
▸ ORANGE	V1803P02: Orange	50 ml
▸ YELLOW	V1802P01: Yellow	50 ml

WOSK MODELOWY

Modeling Wax for use in dental laboratories and clinics, including the fabrication of bite blocks and templates.

CHARACTERISTICS

- Color: Pink
- Two hardness levels: Soft and Hard

ADVANTAGES

- Optimal hardness
- High resistance to cracking

Packages available

	Pink Plate
Hard	TP031: 500 g
Soft	TP030: 500 g

COLOURS

- Pink

DISSOL

Dissol is a chromatic material for removing plaster and alginate residues from dentures and impression trays. Eliminates the need for onerous and time-consuming mechanical removal of plaster and alginate residues. During the dissolution of gypsum or alginates, the working solution gradually discolours.

CHARACTERISTICS

- Contains a chromatic consumption indicator
- Powder concentrate

ADVANTAGES

- Eliminates the need for mechanical cleaning
- Reusable

Technical data

Mixing Ratios: – Gypsum	1 part powder to 2 parts water
Mixing Ratios: – Alginate	1 part powder to 10 parts water

Packages available

Powder

TP001: 1 kg

DENTURE CLEANER

The **Denture Cleaner** line consists of products designed for professional and comprehensive cleaning of all types of removable dentures. The Denture Cleaner powder effectively removes stains caused by food or nicotine consumption due to its cleaning properties. The Denture Cleaner liquid efficiently dissolves dental calculus and eliminates unpleasant odors

CHARACTERISTICS

Liquid
- Removes tartar
- Neutralizes unpleasant odors
- Eliminates residues and raids

Powder
- Removes discoloration resulting from food consumption and smoking nicotine
- Cleans the denture giving a whitening effect

ADVANTAGES

- Fast acting
- Does not deform the material from which the denture is made

Technical data

Mixing Ratios: – Powder	5 g : 200 ml
Mixing Ratios: – Liquid	01 : 01

Packages available

Powder	Liquid
TP300: 150 g	TP301: 500 ml

IZO-SOL

Izo-Sol is an acrylic-gypsum isolator and film-forming agent. A film-forming preparation is used to isolate acrylic from dental gypsum. It creates a very thin and smooth film which guarantees maximum accuracy. It can be used to isolate gypsum from acrylic resins and gypsum from gypsum. A small amount of product provides effective insulation.

CHARACTERISTICS

- Very good adhesion to gypsum
- High efficiency, a small amount of the product ensures effective isolation

ADVANTAGES

- Formaldehyde free
- Bacteriostatic effect
- Enables easy separation of plaster molds after polymerization

Packages available

Liquid
TP003: 250 ml
TP002: 1 l

PRESSURE POLYMERIZER

A **Pressure Polymerizer** designed for technical and dental laboratories. Made of stainless steel INOX with a pressure gauge, it is perfect for polymerization of acrylic masses. Especially for: repairs, temporary crowns, removable orthodontic appliances, acrylic parts of frame dentures.

CHARACTERISTICS

- Thick bottom
- Separate outlet valve
- Safe lid opening and closing mechanism

ADVANTAGES

- Protection against uncontrolled pressure build-up
- Sufficient space for the articulator
- Adapted to polymerization of most acrylic masses

Technical data

Capacity	7 l
Max temperature	65°C
Max pressure	2 bar
Inner diameter	22 cm
Inner height	21 cm
Weight	3,2 kg

Packages available

XX000005	**Pressure Polymerizer 7 l**

BOWLS & SPATULAS

Silicone Bowl for mixing gypsum and alginate materials. The perfectly smooth inner surface prevents the mixed material from sticking to the walls, and its ergonomically shaped design allows for comfortable holding while mixing gypsum or alginate. The flexibility of the high-quality silicone used in the bowl makes it easy to clean after use.

CHARACTERISTICS

- Diameter: 12 cm
- Height: 9 cm
- Colour: Warm Grey
- Packaging: 1 pc.

ADVANTAGES

- Aesthetic design
- Optimal ergonomics
- Made from high-quality materials

Aesthetic **Spatula** for mixing gypsum and alginate materials. Made from high-quality, durable plastic. The smooth surface and the shape of the mixing and spreading part are perfectly matched to the bowl, enhancing precision during use. The ergonomically shaped handle has an ideally smooth surface, making it comfortable to hold. Easy to clean, it can be used in prosthetic laboratories, dental offices, and cosmetic clinics.

CHARACTERISTICS

- Colour: magenta
- Packaging: 5 pcs.

ADVANTAGES

- Aesthetic design
- Optimal ergonomics
- Made from high-quality materials

Packages available

TP045	**Bowl for Alginate and Gypsum (grey)**
TP046	**Spatula for Alginate and Gypsum (5 pcs.)**